

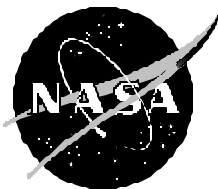
VERSION DESCRIPTION DOCUMENT FOR THE NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)

Release 2.8.1

NASA-NPDMS-VDD-14

PrISMS Contract

May 15, 2001



National Aeronautics and
Space Administration

George C. Marshall Space Flight Center
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT FOR THE
NASA PROPERTY DISPOSAL MANAGEMENT SYSTEM (NPDMS)
RELEASE 2.8.1**

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
HUNTSVILLE, ALABAMA

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1. INTRODUCTION

This Version Description Document (VDD) describes the changes and installation procedures for this release of the NASA Property Disposal Management System (NPDMS). This section identifies the release, describes its purpose, defines its scope, and identifies its contact points.

1.1 IDENTIFICATION OF THE RELEASE

This software release is identified as NPDMS, Release 2.8.1 and has an effective release date of May 15, 2001.

1.2 PURPOSE OF THE RELEASE

This release implements modifications for the following Change Control Requests (CCRs):

<u>CCR</u>	<u>Title</u>
410	New versions of SAG products are being installed

This release implements modifications necessitated by the following Discrepancy Reports (DRs):

<u>CCR</u>	<u>Title</u>
None	None

1.3 SCOPE

This VDD provides the functional and technical user of NPDMS with information regarding the content, status, and structure of Release 2.8.1, including the following:

- Changes implemented since Release 2.7.1;
- Validation procedures to ensure the reliability of release changes;
- References to other documentation affected by this release;
- Detailed software installation instructions.

No waivers are associated with this release.

1.4 CONTACT POINTS

Sustaining Engineering for NPDMS is provided through the Consolidation Center (CC) located at Marshall Space Flight Center (MSFC). Questions regarding the functional and/or the technical aspects as well as the installation of this release should be directed to:

The NACC Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

2. FUNCTIONAL INFORMATION

This section includes details regarding functional changes, functional interfaces, critical issues, affected documents, and application system administration.

2.1 FUNCTIONAL CHANGES

Please refer to Appendix C, Functional Change Validation Procedures, for a description of all functional changes related to this release. Appendix D, Installation Instructions, describes all Software PREDICT and SYSERR changes related to this release.

2.2 FUNCTIONAL INTERFACES

This section is not applicable for this release.

2.3 CRITICAL ISSUES

This section is not applicable for this release.

2.4 AFFECTED DOCUMENTS

The following documents are affected by this release:

None

2.5 APPLICATION SYSTEM ADMINISTRATION

There are no application system administration changes associated with this release.

3. TECHNICAL INFORMATION

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

3.1 TECHNICAL SYSTEM INTERFACES

There are no technical system interface issues with this release.

3.2 DATA DICTIONARY CHANGES

Refer to Appendix D, Section 4.1, for the data dictionary changes in this release.

3.3 SOFTWARE OBJECT CHANGES

Modules affected by this release are included in Appendix D, Section 2.2.

3.4 DATABASE ADMINISTRATION

This section describes the database administration activities for installation of this release.

3.4.1 Release Dataset Names

Refer to Appendix D, Introduction section, for the release dataset names.

3.4.2 Inventory of Objects

Refer to Appendix D, Section 2.1, for an inventory of Natural object types.

3.4.3 Storage Considerations

The changes represented by this release should not affect storage requirements.

3.4.4 Installation Procedures

Refer to Appendix D, Installation Instructions for NPDMS Software Release 2.8.1 for detailed software installation procedures.

3.5 OPERATIONAL PREPARATION

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of this release.

4. **KNOWN AND OPEN PROBLEMS**

There are no known or open problems related to this release.

APPENDIX A - ABBREVIATIONS AND ACRONYMS

CC	Consolidation Center
CCR	Change Control Request
CSC	Computer Sciences Corporation
DBA	Database Administrator
DR	Discrepancy Report
FAX	Electronic Facsimile Transmission
IRM	Information Resources Management
JCL	Job Control Language
MSFC	Marshall Space Flight Center
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NEMS	NASA Equipment Management System
NPDMS	NASA Property Disposal Management System
SESAAS	Sustaining Engineering Support for Agencywide Administrative Systems
VDD	Version Description Document

APPENDIX B - GLOSSARY

Database Administration

Responsibility for maintaining the physical database environment.

Implementation

The process by which a NASA site installs a NASA software release and places it into operational use.

Operational Preparation

Preparation by a NASA site for installation and use of a NASA application release.

System Administration

Responsibility for administrative functions such as application security and table data maintenance associated with a NASA application.

APPENDIX C - FUNCTIONAL CHANGE VALIDATION PROCEDURES

Index of validation procedures for changes in this release:

Section	CCR	Title
1.0	410	New versions of SAG products are being installed

Details for the validation procedures follow:

1.0 CCR 410 – New versions of SAG products are being installed.

Make necessary code changes for new versions of SAG products.

Description of Change

Code was changed to accommodate the new versions of SAG products.

Functional Impact

There is no functional impact as a result of this CCR.

Validation Procedures

- Test each transaction in NPDMS.
Expected results: No fatal errors for each transaction.
- Test each report in NPDMS.
Expected results: No fatal errors for each report.
- Look at a case review.
Expected results: The necessary information is filled in.
- Review each table (add, change, delete).
Expected results: No fatal errors for each table.
- Browse a case.
Expected results: The necessary information is filled in.
- Retransmit a case to GSA. Run the 110 report.
Expected results: The case that was retransmitted is on the report.

<u>MODULE ID</u>	<u>MODULE NAME</u>	<u>TYPE</u>
NDB000PA	Batch Processing Driver	Program
NDCMNDLA	Command Line	Local
NDR017PA	Annual Report of Exchange Sale – Calling Pgm	Program
NDR017PD	Annual Report of Exchange Sale Transaction	Program
NDURPTPB	Display JCL for Report/Maintenance Jobs	Program
ND1000PA	Calls Supernatural	Program

APPENDIX D - INSTALLATION INSTRUCTIONS AND CHECKLIST FOR NPDMS SOFTWARE RELEASE 2.8.1

Introduction

Release information:

System Name: NPDMS
Release Number: 2.8.1
Release Date: May 15, 2001
Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NPDMS)

Telephone: (256) 544-6673
Email: neal.cantrell@msfc.nasa.gov
FAX: (256) 544-1836

The following datasets are located on the transient storage DASD volumes under the following data sets names:

xxMOV.NPDMS.PROD.R281.R0501.DOC
xxMOV.NPDMS.PROD.R281.R0501.SRC

Where "xx" is replaced by the appropriate NASA Center designation.

AR - ARC
DF - DFRC
GS - GSFC
HQ - HQ
J5 - JSC
KS - KSC
LA - LaRC
LE - GRC (Glenn)
MS - MSFC
SS - SSC

Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 9.0 to assist in tracking the installation of this release.

- 1.0 Back Up Existing Data
- 2.0 Copy Source
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods
- 9.0 Installation Checklist

1.0 Back Up Existing Data

It is advisable to back up all NPDMS files as a precautionary measure prior to installation.

2.0 Copy Source

2.1 Copy Source Code

Load the NPDMS source library from dataset:

xxMOV.NPDMS.PROD.R281.R0501.SRC.

The source programs were unloaded using the Natural utility NATUNLD. The programs will be loaded to the application library NPDMS, replacing any existing programs of the same name. The source module counts included in this release are listed below:

Natural Source Modules by Type	Count
GLOBAL DATA AREA	0
LOCAL/PARAM DATA AREA	1
MAPS	0
HELP ROUTINES	0
SUBROUTINES	0
SUBPROGRAMS	0
PROGRAMS	6
COPYCODE	0
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
Total:	7

2.2 List of Source Code Modifications

The following are the modules added, modified, and deleted.

Added Modules:

1. NDR017PD Program

Changed Modules:

1. ND1000PA Program
2. NDB000PA Program
3. NDCMNDLA Local
4. NDO000PA Program
5. NDR017PA Program
6. NDURPTPB Program

Deleted Modules:

There are no modules deleted with this release.

3.0 Pre-Predict Data Conversion

Not applicable with this release.

4.0 Install Predict

Not applicable with this release.

5.0 Catalog Source Code

Run a batch job to catalog (CATALL) all modules in the NPDMS or other named library. **IT IS NOT NECESSARY** to catalog the Global Data Area. The NASA Batch Standard Parameters should be used for the compile.

After all objects are compiled, the NPDMS application will run under the NASA On-line Standard Parameter.

6.0 Post-Predict Data Conversion

Not applicable with this release.

7.0 Perform Release-Specific Procedures

There are no specific procedures for this release.

8.0 Local JCL Mods

The following change should be made to the source JCL. The updated JCL should then be loaded into the NPDMS library. The parameter '**PRM='WFOPFA=#ON/OFF#'**' was removed. In the new version of NATURAL, this parameter is no longer needed. The following is an **example** of the JCL. **(NOTE: The line in BOLD is the changed line.)**

```

140STNDRD2002 //DVNPDMS EXEC N56Z,DD='DD=+000'

140STNDRD2005 //CMPRT01 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140STNDRD2006 //CMPRT02 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140M300PA2001 //CMPRT03 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140R003PA2001 //CMPRT03 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140R007PA2001 //CMPRT03 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140R007PA2002 //CMWKF01 DD DSN=&&NDR007,SPACE=(TRK,(20,3),RLSE),

140R007PA2003 // UNIT=SYSDA

140R008PA2002 //CMPRT03 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140R008PA2003 //CMPRT04 DD SYSOUT=( , ),OUTPUT=( *.#DEST# ),COPIES=#COPIES

140R008PA2004 //CMWKF01 DD DSN=&&NDR008A,SPACE=(TRK,(50,10),RLSE),

140R008PA2005 // UNIT=SYSDA

140R008PA2006 //CMWKF02 DD DSN=&&NDR008B,SPACE=(TRK,(2,1),RLSE),

140R008PA2007 // DISP=( ,PASS ),UNIT=SYSDA,

140R008PA2008 // DCB=(RECFM=FB,LRECL=170,BLKSIZE=6120)

```

9.0 Installation Checklist

- 1.0 Back Up Existing Data
- 2.0 Copy Source
 - 2.1 Copy Source Code
 - 2.2 List of Source Code Modifications
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Perform Release-Specific Procedures
- 8.0 Local JCL Mods